Exchange: Dies und das

Logdateien

Front End Transport service on Mailbox servers

- Receive connectors: `%ExchangeInstallPath%TransportRoles\Logs\FrontEnd\ProtocolLog\SmtpReceive`
- Send connectors: `%ExchangeInstallPath%TransportRoles\Logs\FrontEnd\ProtocolLog\SmtpSend`

Transport service on Mailbox servers:

- Receive connectors: `%ExchangeInstallPath%TransportRoles\Logs\Hub\ProtocolLog\SmtpReceive`
- Send connectors: `%ExchangeInstallPath%TransportRoles\Logs\Hub\ProtocolLog\SmtpSend`

Mailbox Transport Delivery service on Mailbox servers (Receive connectors):

- `%ExchangeInstallPath%TransportRoles\Logs\Mailbox\ProtocolLog\SmtpReceive\Delivery`

Mailbox Transport Submission service on Mailbox servers (Send connectors):

- `%ExchangeInstallPath%TransportRoles\Logs\Mailbox\ProtocolLog\SmtpSend\Submission`

Protocol logging for side effect messages that are submitted after messages are delivered to mailboxes occurs in `%ExchangeInstallPath%TransportRoles\Logs\Mailbox\ProtocolLog\SmtpSend\Delivery`. For example, a message that's delivered to a mailbox triggers an Inbox rule that redirects the message to another recipient.

Transport service on Edge Transport servers:

- Receive connectors: `%ExchangeInstallPath%TransportRoles\Logs\Edge\ProtocolLog\SmtpReceive`
- Send connectors: `%ExchangeInstallPath%TransportRoles\Logs\Edge\ProtocolLog\SmtpSend`

Quelle:

> https://docs.microsoft.com/en-us/exchange/mail-flow/connectors/protocol-logging?view=exchserver-2016

Konvertieren von Postfächern (Shared / Regular / Room / etc.)

```
Set-Mailbox MarketingDept1 -Type Shared
```

Mögliche Werte des Parameters:

Parameter	Bedeutung
Regular	Benutzerpostfach
Room	Raum
Equipment	Gerät
Shared	Freigegebenes Postfach

Filtern aller Ressourcenpostfächer (z. B. für Management-Scope)

```
Get-Recipient -Filter {RecipientTypeDetails -eq "RoomMailbox" -or
RecipientTypeDetails -eq "EquipmentMailbox"}
```

MAPI over HTTPS

Ab Exchange Server 2013 SP1 steht das neue Protokoll für die Anbindung von Outlook (Anywhere) zur Verfügung. Im Exchange 2013 muss aber manuell aktiviert werden. Im Exchange 2016 und höher ist es als Standardprotokoll bereits von Hause aus aktiviert.

Ob es aktiviert ist, verrät der Befehl:

```
Get-OrganizationConfig | fl name,mapi*
```

IIS virtuelles Verzeichnis konfigurieren:

```
Get-MapiVirtualDirectory | Set-MapiVirtualDirectory -InternalUrl
"https://mail.meinedomain.de/mapi" -ExternalUrl
"https://mail.meinedomain.de/mapi" -IISAuthenticationMethods Ntlm, OAuth,
Negotiate
```

Organisationsweite Aktivierung - erfordert Neustart aller Outlook-Clients:

```
Set-OrganizationConfig -MapiHttpEnabled $true
```

Läuft die MAPI?

```
GET https://mail.meinedomain.de/mapi/healthcheck.htm
200 OK
SERVER-01.meinedomain.DE
```

Das Protokoll wird ab Exchange 2016 standardmäßg genutzt. Unterstützung Outlook und Exchange 2013:

> https://docs.microsoft.com/de-de/exchange/mapi-over-http-exchange-2013-help

Server Component State

Alle inaktiven:

```
Get-ServerComponentState -Identity SERVER-02 | ?{$_.state -eq "Inactive"}

Server                                 Component
State
------                                 ---------
-----
SERVER-02.meinserver.de                AutoDiscoverProxy
Inactive
SERVER-02.meinserver.de                ActiveSyncProxy
Inactive
SERVER-02.meinserver.de                EcpProxy
Inactive
SERVER-02.meinserver.de                EwsProxy
Inactive
SERVER-02.meinserver.de                OabProxy
Inactive
SERVER-02.meinserver.de                OwaProxy
Inactive
SERVER-02.meinserver.de                RpsProxy
Inactive
SERVER-02.meinserver.de                RwsProxy
Inactive
SERVER-02.meinserver.de                RpcProxy
Inactive
SERVER-02.meinserver.de                ForwardSyncDaemon
Inactive
SERVER-02.meinserver.de                ProvisioningRps
Inactive
```

> https://docs.microsoft.com/de-de/exchange/troubleshoot/administration/requestor-changed-server-component

Adressbücher aktualisieren

```
Get-OfflineAddressBook | Update-OfflineAddressBook
Get-GlobalAddressList | Update-GlobalAddressList
Get-AddressList | Update-AddressList
```

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Last update: **2023/01/26 16:15**